PATENT ABSTRACTS OF JAPAN

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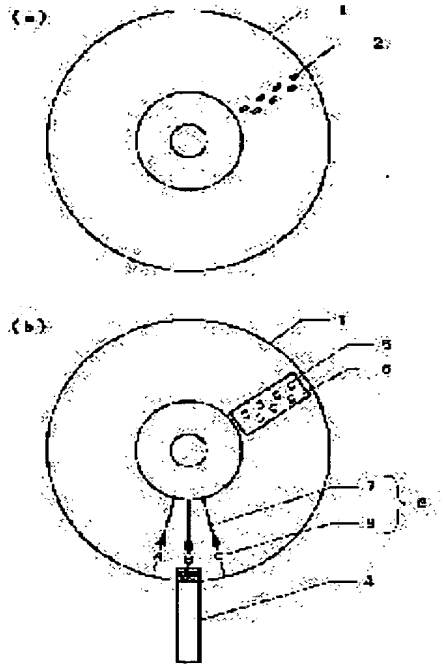
(54) LENS CLEANER AND LENS CLEANING METHOD FOR OPTICAL DISK UNIT

(57)Abstract:
PROBLEM TO BE SOLVED: To enable a user to easily and securely clean an objective lens at a low cost, even in the case where the objective lens is badly stained and where a disk cannot be rotated.
SOLUTION: Implanted brushes 2 are mounted to protrude on the side of a signal reading surface of a disk 1 having substantially the same specification as a compact disc, thus constituting a cleaning surface. Seven implanted brushes 2 made of nylon fiber are located in a zigzag manner in two rows in the direction of radius of the disk 1 so as to cover the moving range of an objective lens and to have a width substantially equal to the diameter of the objective lens. A direction display section 3 for displaying a plurality of insertion directions is provided on the opposite surface of the disk 1, thus constituting a display surface. An operation tape 4 for disk operation is mounted at a part of the direction display section 3. The direction display section 3 is constituted by arrow lines 7 indicating the centers of three types of disk insertion positions corresponding to three types of CD players having different objective lens positions, and identification displays 8 of the respective arrow lines 7.



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